

"PATENT"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: J. Scott Buchanan	)	Before the Examiner
	)	
U. S. Serial No.: Unknown	)	
	)	
Filed: Unknown	)	Confirmation Number:
	)	Group Art Unit:
Title: De-Entrainment of Liquid Particles From Gas	)	Family Number: P2004J011

Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

I hereby certify that I have a reasonable basis for believing that this correspondence will be deposited with the United States Postal Service as express mail in an envelope addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450, on <u>April 22, 2004</u>		
	Date of Deposit	
<u>Martha L. Everett</u>	<u><i>Martha L. Everett</i></u>	<u>April 22, 2004</u>
Name of person mailing paper	Signature	Date of Signature

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR 1.98 AND 1.97

Submitted herewith is the Information Disclosure Statement for the above application.

The Information Disclosure Statement is filed (per checked box(es)):

- ☐ Pursuant to 37 CFR 1.97(b) (**Check One**); no fee is due:
- ☐ (1) Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); **or**
- ☐ (2) Within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; **or**
- ☒ (3) Before the mailing of a first Office action on the merits; **or**
- ☐ (4) Before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114.



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- ☐ Pursuant to 37 CFR 1.97(c): After the period specified in 37 CFR 1.97(b), but before the mailing date of any final action under 37 CFR 1.113, a notice of allowance under 37 CFR 1.311 or an action that otherwise closes prosecution in the application and is accompanied by one of: **(Check One)**
- ☐ (1) A statement as specified in 37 CFR 1.97(e) (**See Statement Below**); **or**
- ☐ (2) The fee set forth in 37 CFR 1.17 (p).
- ☐ Pursuant to 37 CFR 1.97(d): after the period specified in 37 CFR 1.97(c), but on or before payment of the issue fee and accompanied by **both**: (1) A statement as specified in 37 CFR 1.97(e) (**See Statement Below**); **and** (2) The fee set forth in 37 CFR 1.17(p).
- ☐ Statement under 37 CFR 1.97(e): **(Check One)**
- ☐ (1) Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; **or**
- ☐ (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

The Commissioner is authorized to charge Deposit Account 05-1330 for any fees due.

Respectfully submitted,



Attorney for Applicants  
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MDK:mle  
April 22, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : J. Scott Buchanan  
Serial No. : -  
Filed : Concurrently  
For : DE-ENTRAINMENT OF LIQUID PARTICLES FROM GAS  
Examiner : To be assigned  
Group Art Unit: -

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

The attached PTO Form 1449 identifies the following references for the Examiner's consideration in the examination of this application.

U.S. Patent No. 6,059,934	U.S. Patent No. 5,660,049
U.S. Patent No. 5,837,105	U.S. Patent No. 5,091,060
U.S. Patent No. 5,798,086	U.S. Patent No. 4,995,946
U.S. Patent No. 5,770,020	U.S. Patent No. 4,582,569
U.S. Patent No. 5,766,519	U.S. Patent No. 4,496,430
U.S. Patent No. 5,695,548	U.S. Patent No. 4,361,469
U.S. Patent No. 5,683,493	

U.S. Patent No. 4,361,469 (Trutna) is discussed in the application beginning at page 1, paragraph 0004.

For the Applicants,



Malcolm D. Keen  
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Date: 22 April 2004

Law Department, Room 6A0214  
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3225 Gallows Road  
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 1

**Complete if Known**

Application Number	Unknown
Filing Date	Unknown
First Named Inventor	J. S. Buchanan
Art Unit	To be Assigned
Examiner Name	Unknown
Attorney Docket Number	RMH10736

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,059,934	05/09/2000	Stober et al.	
		US- 5,837,105	11/17/1998	Stober et al.	
		US- 5,798,086	08/25/1998	Erickson	
		US- 5,770,020	06/23/1998	Koistinen et al.	
		US- 5,877,510	06/16/1998	Erickson	
		US- 5,695,548	12/09/1997	Trutna	
		US- 5,683,493	11/04/1997	Stober	
		US- 5,660,049	08/26/1997	Erickson	
		US- 5,091,060	02/25/1992	Walker et al.	
		US- 4,995,946	02/26/1991	Auger	
		US- 4,582,569	04/15/1986	Jenkins	
		US- 4,496,430	01/29/1985	Jenkins	
		US- 4,361,469	11/30/1982	Trutna	
		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> * Number <sup>4</sup> * Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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